

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD2068	Overall LMA Rating	Total LMA Miles							
Reclamation District No. 2068 Yolo	A	8.71							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Animal Control	0.35		0.35	4.02%					
Supplemental									
DWR UCIP Field Study					0.13	0.01			
LMA Totals:	0.35	0.00	0.35	4.02%	0.13	0.01	0.00	0.00	
Unit No. 01 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles							
RD2068	A	5.48							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Animal Control	0.35		0.35	6.38%					
Supplemental									
DWR UCIP Field Study					0.04	0.01			
Unit Totals:	0.35	0.00	0.35	6.38%	0.04	0.01	0.00	0.00	
Unit No. 02 Back Levee LB	Overall Unit Rating	Total Unit Miles							
RD2068	A	3.22							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Supplemental									
DWR UCIP Field Study					0.09				
Unit Totals:	0.00	0.00	0.00	0.00%	0.09	0.00	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2016 Levee Inspection Results

Reclamation District No. 2068 Yolano

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 2068 Yolano

Waterway			Bank	Unit Miles
Unit No. 01 Yolo Bypass			Right	5.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/6/2016 - 4/6/2016		9/22/2016 - 9/22/2016	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mike Hardesty RD 2068			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	09/22/2016 09/22/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2068_01_f_2014_3				
Comment Code					
Inspector Comment					
RD 2068 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2068_01_f_2014_4				
Comment Code					
Inspector Comment					
RD 2068 crew members are trained yearly.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2068_01_f_2014_5				
Comment Code					
Inspector Comment					
RD 2068 has emergency supplies stored.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.49	Rating **	M	Issue No.	15
LM End	0.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.401440 °	38.401440 °
				-121.693750 °	-121.693750 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17445 DS_ID:19331 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Pipe ends covered in soil. May be abandoned and if so it should be done properly. FIELD_STRUCT_DESC: *ABANDONED* 14-inch corrugated metal pipe through the level 6.6 feet below the crown. Flap gates on both ends. Pipe ends covered by dirt (O&M, 1962). FS Date: 8/8/2013					

No Photos

LM Start	0.51	Rating **	A	Issue No.	9
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.401232 °	38.329090 °
				-121.693800 °	-121.694065 °
DWR ID	DWR_RD2068_01_f_2016_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation on the landside levee slope from levee mile 0.51 -5.48.					

Photo 1 of 1 : FA_2016_RD2068_193_9_20160926_00002.jpg



Looking downstream from the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.51	Rating **	A	Issue No.	10
LM End	5.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.401232 °	38.329090 °
				-121.693800 °	-121.694065 °
DWR ID	DWR_RD2068_01_f_2016_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation on the waterside levee slope.					

Photo 1 of 1 : FA_2016_RD2068_193_10_20160926_00001.jpg



RD 2068 Looking downstream from the waterside levee slope.

LM Start	1.99	Rating **	M	Issue No.	12
LM End	1.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.379660 °	38.379660 °
				-121.693870 °	-121.693870 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17545					
DS_ID:19334					
EP_NO: 12389					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Need to determine disposition of pipe with PG&E.					
FIELD_STRUCT_DESC: 6-inch gas line through the levee 4 feet below the crown (Permit No. 12389, 1978).					
FS Date: 8/8/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	09/22/2016 09/22/2016	Herman Phillips

LM Start	2.00	Rating **	M	Issue No.	13
LM End	2.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.379560 °	38.379560 °
				-121.693870 °	-121.693870 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17547 DS_ID:19345 EP_NO: 7260 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to determine disposition of pipe with PG&E. FIELD_STRUCT_DESC: 2 of 2: 4-inch gas line through the levee 2 feet below the crown (Permit No. 7260, 1974). FS Date: 8/8/2013					

No Photos

LM Start	2.11	Rating **	M	Issue No.	11
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.378028 °	38.372862 °
				-121.693908 °	-121.693978 °
DWR ID	DWR_RD2068_01_f_2016_11				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are active rodents in the area, several holes were seen but no bait stations observed on the slope where rodents were noted.					

Photo 1 of 2 : FA_2016_RD2068_193_11_20160926_00003.jpg



RD 2068 looking downstream landside slope from levee miles 2.11 -2.46.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	09/22/2016 09/22/2016	Herman Phillips

LM Start	2.11	Rating **	M	Issue No.	11 (cont)	
LM End	2.46	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.378028 °		38.372862 °
				-121.693908 °		-121.693978 °
DWR ID	DWR_RD2068_01_f_2016_11					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
There are active rodents in the area, several holes were seen but no bait stations observed on the slope where rodents were noted.						

Photo 2 of 2 : FA_2016_RD2068_193_11_20160926_00004.jpg



RD 2068 looking downstream landside slope from levee miles 2.11-2.46.

LM Start	2.49	Rating **	M	Issue No.	14
LM End	2.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.372547 °	38.372547 °
				-121.693956 °	-121.693956 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17548 DS_ID:19329 EP_NO: 13028 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to determine disposition of pipe. FIELD_STRUCT_DESC: 10-inch steel pipe through the level 2 feet below the crown. A 4-inch gas line is sleeved through the 10-inch pipe. (Permit No. 13028, 1981). FS Date: 8/8/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	09/22/2016 09/22/2016	Herman Phillips

LM Start	3.49	Rating **	U	Issue No.	16
LM End	3.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.358040 °	38.358040 °
				-121.694040 °	-121.694040 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41840 DS_ID:19335 EP_NO: 7220 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Pipe needs to have markers installed on both sides of levee. FIELD_STRUCT_DESC: 6.625-inch gas line through the levee 3 feet below the crown (Permit No. 7220, 1971). FS Date: 8/8/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 2068 Yolano

Waterway			Bank	Unit Miles
Unit No. 02 Back Levee			Left	3.22
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/6/2016 - 4/6/2016		9/22/2016 - 9/22/2016	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mike Hardesty RD 2068			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.01	Rating **	A	Issue No.	10
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.358232 °	38.392895 °
				-121.740370 °	-121.720985 °
DWR ID	DWR_RD2068_02_f_2016_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
there is no unwanted vegetation along the landside levee slope 0.01-2.73. The Maintaining Agency recently mowed the site.					

No Photos

LM Start	0.01	Rating **	A	Issue No.	11
LM End	2.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.358232 °	38.392895 °
				-121.740370 °	-121.720985 °
DWR ID	DWR_RD2068_02_f_2016_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
there is no unwanted vegetation along the waterside levee slope 0.01-2.73. The Maintaining Agency recently mowed the site.					

Photo 1 of 1 : FA_2016_RD2068_194_11_20160926_00007.jpg



RD 2068 looking downstream from levee mile 0.01-2.73.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.01	Rating **	M	Issue No.	13
LM End	0.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.358250 °	38.358250 °
				-121.740377 °	-121.740377 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17505 DS_ID:19353 EP_NO: 13490 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Appears abandoned. Need to verify pipe status with PG&E. FIELD_STRUCT_DESC: 4-inch steel gas pipeline through the levee 3.5 feet below the crown (Permit No. 13490, 1982). FS Date: 8/8/2013					

No Photos

LM Start	0.83	Rating **	M	Issue No.	20
LM End	0.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370205 °	38.370205 °
				-121.740170 °	-121.740170 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41560 DS_ID:19346 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: No pipe found. Verify abandonment with RD 2068. FIELD_STRUCT_DESC: *ABANDONED* 24-inch pipe through the levee 9.0 feet below crown. No control valves. Cannot be located. Originally included in O&M manual, 1962. FS Date: 8/8/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.85	Rating **	M	Issue No.	14
LM End	0.85	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370422 °	38.370422 °
				-121.740163 °	-121.740163 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17507 DS_ID:19358 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Verify abandonment with RD 2068. FIELD_STRUCT_DESC: *REMOVED* 18-inch steel irrigation pipe through the levee 7.5 feet below the crown. Slidegate in concrete distribution box on both ends (O&M, 1962). Removed under Permit No. 9762. FS Date: 8/8/2013					

No Photos

LM Start	0.86	Rating **	M	Issue No.	18
LM End	0.86	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370556 °	38.370556 °
				-121.740159 °	-121.740159 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:21052 DS_ID:19359 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Verify abandonment of pipe with RD 2068. FIELD_STRUCT_DESC: *REMOVED* Unknown size irrigation pipe through the levee at an unknown depth below the crown. FS Date: 8/8/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.87	Rating **	M	Issue No.	19
LM End	0.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370783 °	38.370783 °
				-121.740152 °	-121.740152 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:21053 DS_ID:19347 EP_NO: 10164 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Verify abandonment with RD 2068. FIELD_STRUCT_DESC: 1 of 6: 30-inch corrugated metal pipe through the levee 10.2 feet below the crown (ABO No. 10164, 1974). Originally included in the O&M manual, 1962. FS Date: 8/8/2013					

No Photos

LM Start	0.91	Rating **	M	Issue No.	15
LM End	0.91	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.371273°	38.371273°
				-121.740138°	-121.740138°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17531 DS_ID:19355 EP_NO: 8151 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned. Need to verify with pipeline owner. FIELD_STRUCT_DESC: 8-inch steel gas pipe through the levee 3 feet below the crown (Permit No. 8151, 1972). Gasline markers visible on east toe of levee at intersection of levee and Delhi road. FS Date: 8/8/2013					

Photo 1 of 2 : UCIP_FA_2016_17531_29641.jpg



Gasline markers next to old rail road grade, looking south.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	09/22/2016 09/22/2016	Herman Phillips

LM Start	0.91	Rating **	M	Issue No.	15 (cont)	
LM End	0.91	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.371273°	38.371273°	
				-121.740138°	-121.740138°	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17531 DS_ID:19355 EP_NO: 8151 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned. Need to verify with pipeline owner. FIELD_STRUCT_DESC: 8-inch steel gas pipe through the levee 3 feet below the crown (Permit No. 8151, 1972). Gasline markers visible on east toe of levee at intersection of levee and Delhi road. FS Date: 8/8/2013						

Photo 2 of 2 : UCIP_FA_2016_17531_29640.jpg



Gasline markers on east side of levee toe looking North.

LM Start	1.07	Rating **	M	Issue No.	16
LM End	1.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.373330 °	38.373330 °
				-121.738530 °	-121.738530 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17532					
DS_ID:19354					
EP_NO: 13028					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need improved signage on LS and WS shoulders.					
FIELD_STRUCT_DESC: 10-inch steel pipe through the levee 2 feet below the crown. A 4-inch gas line is sleeved through the 10-inch pipe.					
Sign missing from marker post on east slope. 2-inch vent pipe with identification sign located off west bank of levee and off toe of east side of levee at fence (Permit No. 13028, 1981).					
FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_FA_2016_17532_29644.jpg



Sign post without markings on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	09/22/2016 09/22/2016	Herman Phillips

LM Start	1.07	Rating **	M	Issue No.	16 (cont)
LM End	1.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.373330 °	38.373330 °
				-121.738530 °	-121.738530 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17532					
DS_ID:19354					
EP_NO: 13028					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need improved signage on LS and WS shoulders.					
FIELD_STRUCT_DESC: 10-inch steel pipe through the levee 2 feet below the crown. A 4-inch gas line is sleeved through the 10-inch pipe.					
Sign missing from marker post on east slope. 2-inch vent pipe with identification sign located off west bank of levee and off toe of east side of levee at fence (Permit No. 13028, 1981).					
FS Date: 8/13/2013					

Photo 2 of 2 : UCIP_FA_2016_17532_29643.jpg



Sign marker off LS toe.

LM Start	2.73	Rating **	C	Issue No.	12
LM End	3.22	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.392895 °	38.398762 °
				-121.720985 °	-121.715631 °
DWR ID	DWR_RD2068_02_f _ 2016_12				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	09/22/2016 09/22/2016	Herman Phillips

LM Start	2.82	Rating **	M	Issue No.	17
LM End	2.82	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.393943 °	38.393943 °
				-121.719991 °	-121.719991 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17538 DS_ID:19350 EP_NO: 1195 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to determine disposition of gas line. FIELD_STRUCT_DESC: 10.75-inch steel gas pipe through the levee 2 feet below the crown (Permit No. 1195, 1947). FS Date: 8/13/2013					

No Photos

LM Start	3.15	Rating **	M	Issue No.	21
LM End	3.15	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.397933 °	38.397933 °
				-121.716406 °	-121.716406 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42725 DS_ID:19352 EP_NO: 10164 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done properly. Pipe burried except for small opening. FIELD_STRUCT_DESC: *ABANDONED* 6 of 6: 48-inch corrugated metal pipe through the levee 4.0 feet below the crown (ABO No. 10164, 1974). Originally included in the O&M manual, 1962. FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_FA_2016_42725_29680.jpg



Pipe buried but visible at toe of east side of levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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